



UNITED STATES MARINE CORPS  
MARINE CORPS AIR STATION  
BOX 99100 YUMA ARIZONA 85369-9100

IN REPLY REFER TO

StaO 4790.8A  
3SAR  
07 AUG 2003

STATION ORDER 4790.8A

From: Commanding Officer  
To: Distribution List

Subj: EMERGENCY RECLAMATION

Ref: (a) OPNAVINST 4790.2H  
(b) NAVAIR 01-1A-509  
(c) NAVAIR 16-1-540  
(d) Monthly Maintenance Plan (MMP)

Encl: (1) Priority Removal List  
(2) Hazardous Materials List  
(3) Emergency Reclamation Kit Inventory

1. Purpose. To establish requirements, responsibilities, and procedures to be followed by the Search and Rescue (SAR) Division in the event of aircraft exposure to salt water, fire extinguishing agents, and/or other corrosive elements.

2. Cancellation. StaO 4790.8.

3. Background. Exposure of aircraft structures or components to corrosive elements such as salt water or fire fighting chemicals can be substantially reduced through immediate initiation of reclamation procedures set forth in references (a) through (d). Speed, thoroughness, and advance knowledge of reclamation procedures is essential.

4. Action/Responsibilities

a. Aircraft Maintenance Officer (AMO). Responsible for the overall accomplishment of the Emergency Reclamation action.

b. Corrosion Control/Emergency Reclamation Officer

(1) Establish the Emergency Reclamation Program per reference (a) through (d).

(2) Ensure that an effective and efficient program is established to provide immediate and orderly response to an emergency condition.

(3) Ensure that proper materials and equipment are available and maintained by the 300 Division.

(4) Ensure that emergency reclamation drills/training are conducted quarterly to develop procedures, techniques, rapid response teams, team proficiency, and to check equipment operation.

(5) Coordinate all reclamation team actions through Maintenance Control.

(6) Ensure that the message report prepared by Maintenance Administration is accurate and concise.

c. Quality Assurance

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(1) Monitor the Emergency Reclamation Program quarterly utilizing the Computerized Self Evaluation Checklist.

(2) Provide assistance to the Emergency Reclamation Team as required.

(3) Designate a Quality Assurance Representative as an Emergency Reclamation Team member.

(4) Monitor reclamation of aircraft to ensure that correct procedures and proper equipment, materials and tools are used.

d. Emergency Reclamation Team Leader

(1) Manage the Emergency Reclamation Program.

(2) Ensure that quarterly training/drills are conducted, as per monthly maintenance plan.

(3) Ensure that current Emergency Reclamation Team member and alternates names are published in the Monthly Maintenance Plan (MMP) and that they have been properly designated in writing.

(4) Ensure that the team members' phone numbers and addresses are current and up-to-date in the SAR Division recall roster.

(5) Ensure that all required materials and equipment are on hand and ready for use by utilizing enclosure (2) and (3).

(6) Conduct Emergency Reclamation training drill on a quarterly basis, checking techniques, response times, proficiency and equipment operation.

(7) Muster the Emergency Reclamation Team in the 300 Division work center or as directed by the AMO or Emergency Reclamation Officer.

(8) Conduct Emergency Reclamation actions, per the reference utilizing enclosure (1).

WARNING

Ensure that all Cartridge Actuated Devices (CADs), explosives, and ordnance are removed by qualified personnel prior to initiating Emergency Reclamation actions.

e. Emergency Reclamation Team Members

(1) Maintain a current point of contact with the team leader and in the recall roster.

(2) Participate in all training and drills as listed in the MMP.

(3) Become familiar with the contents of references (a) through (d).

f. Tool Room

(1) Provide all required tools to the Emergency Reclamation Team to ensure expeditious reclamation and recovery of aircraft.

(2) Coordinate with the Intermediate Maintenance Activity (IMA) to

provide any additional tools and equipment, not normally available, that would aid the Emergency Reclamation Team in the expeditious recovery and reclamation of aircraft.

g. Maintenance/Material Control

(1) Ensure that Visual Information Display System/Maintenance Action Forms (VIDS/MAFs) are issued for all components removed for reclamation.

(2) Ensure that components removed for reclamation are expeditiously routed through proper channels for treatment.

(3) Contact the Emergency Reclamation Team as directed by the AMO and/or the Emergency Reclamation Officer.

(4) Ensure that the SAR Division recall roster is current at all times.

h. Maintenance Administration

(1) Ensure that appropriate entries are made in the Miscellaneous History Section of the Aircraft Logbook concerning reclamation actions.

(2) Prepare and submit to the Commanding General, Third Marine Aircraft Wing, a message, within five working days of any exposure to corrosive fire extinguishing agents, large amounts of salt water, or any other corrosive agents.

(3) Ensure that all information regarding Emergency Reclamation actions are included in the next Standard Depot Level Maintenance work request for affected aircraft.

i. 300 Division Work Center Supervisor. Ensure that personnel assigned to the Emergency Reclamation team attend training sessions and drills.

5. Certification. Reviewed and approved this date.

  
J. J. COONEY

DISTRIBUTION: SPL  
SAR (10)

# PRIORITY REMOVAL LIST

Introduction: The following list is a guideline to be adhered to as closely as possible. Deviation shall be presented and/or changes made to this by the AMO as required by existing needs and conditions. All useable aircraft parts will be removed from the aircraft; all components made of magnesium shall be removed from the aircraft.

## CAUTION

Ensure that all CADs and/or explosive equipment is de-armed or removed from the aircraft prior to initiation of reclamation actions.

## H-1 Aircraft

### 1. Airframes Priorities

#### a. Priority 1

- (1) Hydraulic reservoirs.
- (2) Flight control actuators.
- (3) Rotor brake master cylinder.
- (4) Hydraulic pump.

#### b. Priority 2

- (1) Doors, pilot's, co-pilot's, cargo, and wing doors.
- (2) Landing gear.
- (3) Cross tubes.

### 2. Flight Equipment Priorities

- a. Engine fire extinguisher CADs.
- b. Rescue hoist CADs.
- c. Portable fire extinguisher bottles.

### 3. Avionics Priorities

#### a. Priority 1

- (1) Battery.
- (2) Tacan.
- (3) ADF Receiver.
- (4) Directional Gyro.
- (5) IFF Control Box.
- (6) VHF Control Box.

Enclosure (1)

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- (7) ADF Control Box.
- (8) Cabin ICS Boxes.
- (9) ICS Control Boxes.
- (10) Wulfsburg Control Box.
- (11) Starter Generator.
- (12) Voltage Regulators.
- (13) Nightsun Regulators.
- (14) Nightsun Control Box.

b. Priority 2

- (1) Test set.
- (2) LF ADF Antenna.
- (3) 8 day clock.
- (4) Invertors.
- (5) Radar Altimeter.
- (6) VOR Antenna.

4. Flight line Priorities

a. Priority 1

- (1) 42 degree gearbox.
- (2) 90 degree gearbox.
- (3) Main rotor hub.
- (4) Main rotor blades.
- (5) Swashplate.
- (6) Transmission.
- (7) Tail rotor hub.
- (8) Tail rotor blades.
- (9) Main drive shaft.
- (10) Tail rotor drive shaft.

b. Priority 2

- (1) Engine package.

Enclosure (1)

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- (2) Oil cooler blowers.
- (3) Transmission oil cooler.
- (4) #1 engine oil cooler.
- (5) #2 engine oil cooler.

Enclosure (1)

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HAZARDOUS MATERIALS LIST

1. MIL -F24385, CONCENTRATE, (AFFF)
2. MIL-C-43616, TYPE 1, CLEANING COMPOUND, AIRCRAFT SURFACE
3. MIL-C-81309, TYPE 2, CLASS 2, CORROSION PREVENTATIVE COMPOUND
4. MIL-D-81309, TYPE 3, CLASS 2, CORROSION PREVENTATIVE COMPOUND
5. A-A-59601A, TAPE 2, DRY CLEANING SOLVENT
6. B&B 3100, ENGINE GAS PATH CLEANER
7. TT-N-95, ALIPHATIC NAPHTHA
8. VV-L-800, GENERAL PUPOSE PREVENTATIVE
9. MIL-C-16173, GRADE 4, CORROSION PREVENTATIVE COMPOUND

Enclosure (2)

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## EMERGENCY RECLAMATION KIT INVENTORY

1.	4 rolls of tape	
2.	6 sample bottles	
3.	1 aircraft grounding cable	
4.	1 rope	
5.	2 bags of lint free rags	
6.	1 1/4 pound bag of rubber bands	MSN 7510-00-243-3435
7.	1 skillcraft marker (black)	
8.	6 skillcraft grease pencils (yellow)	
9.	8 skillcraft grease pencils (red)	
10.	1 box of 12 pens (black)	NSN 7520-00-395-7136
11.	38 blank item tags	
12.	3 packages of 30 pipe cleaners	NSN 9920-00-292-9946
13.	2 acid brushes	
14.	5 corrosion control brushes	
15.	1 pair gloves, leather	M-1982
16.	1 package of 10 (red)	NSN 6260-01-178-5559
17.	1 package of 10 (green)	NSN 6260-01-074-4229
18.	1 package of 10 cleaning pads	MIL-C83957A
19.	1 sanding disk kit	A-A1016C
20.	5 pairs of goggles	NSN 8465-01-328-8268
21.	10 sponges	
22.	5 packages of 10 scouring pads	NSN 7920-00-753-5242
23.	4 backpack spray pumps	
24.	1 box stakes, wood	NSN 5510-00-171-7701
25.	3 bags of water crash fire damage tags	
26.	2 bundles of "Zip Lock" Bags	
27.	2 bundles of plastic bags	

Enclosure (3)